

5 ABSTRACT OF THE INVENTION

 A stator winding structure of a motor or a generator includes plural separate different-shaped rod conductors combined to form a collective winding structure to take the place of a conventional winding
10 structure which has a coil wire wound continuously. The different-shaped rod conductors can be designed in shape to match with the sizes of the coil slots to increase a slot occupied rate of the conductors and to prevent the conductors from bent during the coil
15 winding process. The stator winding structure is especially applicable to a motor or a generator with large power and difficult in multi-electrode winding, facilitating winding and enhancing a slot occupied rate of the conductors and also reducing copper loss
20 during output of large current.